

RVW:HS
5-2-14

March 31, 2014

California Regional Water Quality Control Board
Central Valley Region
364 Knollcrest Drive, Suite 205
Redding, CA 96002

RE: Facility ID 5A112004001, Order R5-2007-0043, Pond #1 and Flow data for February 2014

Attention Katie Connaughton:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

There was no discharge to surface waters, namely Walker Creek, during the month of February 2014.

In the month of February, liquid waste was discharged into Pond 1, directly east of the plant, and into Pond 5 on some days, north of Road 39, in order to ease the burden on Pond 1. Wastewater discharged into Pond 5 evaporates without pooling. No liquid waste is being discharged into Ponds 6-7, north of road 39.

In January, SNCC began the installation of a suspended air flotation device, intended to increase the quality of our pond water. This equipment did not come online during the month of February. We will have some preliminary data for the month of March. Additionally, we have been aerating Pond #1 continuously since January.

The Water Board has received odor complaints from some of our surrounding neighbors. In March, we set up a program to monitor odor and wind direction. This data will be available next month. We will be meeting with our neighbors this week to apologize for odors and to detail our current wastewater treatment improvements.

Enclosed are monthly wastewater results for discharge ponds 1-3. Process and cooling water flow results are included as well.

Sincerely,

Ben Gregersen
Owner

Sierra Nevada Cheese Company

Order R5-2007-0043

Month/Year:

February 2014

Pond 1 ✓							
Parameter	Units	Week 1	Week 2	Week 3	Week 4	Week 5	Permit Limit
Freeboard	0.01 feet	x	x	x	x	x	2.0
Berm Seepage	Observations	0	0	0	0	x	
Odors	Observations	1	2	1	3	x	(1: best, 5: worst)
Dissolved Oxygen	mg/L	x	<1	<1	<1	x	1.0

Pond 2 ✓							
Parameter	Units	Week 1	Week 2	Week 3	Week 4	Week 5	Permit Limit
Freeboard	0.01 feet	x	x	x	x	x	2.0
Berm Seepage	Observations	0	0	0	0	x	
Odors	Observations	1	2	1	3	x	(1: best, 5: worst)
Dissolved Oxygen	mg/L	x	7.55	7.60	4.83	x	1.0

Pond 3 ✓							
Parameter	Units	Week 1	Week 2	Week 3	Week 4	Week 5	Permit Limit
Freeboard	0.01 feet	x	x	x	x	x	2.0
Berm Seepage	Observations	0	0	0	0	x	
Odors	Observations	1	2	1	3	x	(1: best, 5: worst)
Dissolved Oxygen	mg/L	x	12+	12+	12+	x	1.0

Monthly Monitoring of Pond 1 ✓		
Parameter	Units	Date: Feb 12
pH	pH units	3.80
Electrical Conductivity	umhos/cm	2390
BOD	mg/L	2740
Ammonia	mg/L	86.3
Kjeldahl Nitrogen	mg/L	163
Nitrate as N	mg/L	0.24
Total Dissolved Solids	mg/L	1800
Fixed Dissolved Solids	mg/L	1160
Arsenic	ug/L	2.0
Calcium	mg/L	110
Chloride	mg/L	379
Iron	ug/L	1550
Magnesium	mg/L	49.0
Manganese	ug/L	47.9
Potassium	mg/L	131
Sodium	mg/L	311
Sulfate	mg/L	<2.0
Total Alkalinity	mg/L	714
Bicarbonate	mg/L	871
Carbonate	mg/L	<4
Hardness	mg/L	434

Please note that Freeboard is not present although there is no risk of berm runover. Freeboard is rotted and needs to be replaced.

Sierra Nevada Cheese Company

Order R5-2007-0043

Month/Year: February 2014

Date	Process Water (gal/day)	Non-Contact Cooling Water (gal/day)
gpd	4970	21440
gpm	119280	471680
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
Maximum	0	0
Permit Limit:	8,000 gal/day monthly average	

Leachfield Monitoring	
Jan	
Feb	No presence of seeps, erosion, saturation, ponding
Mar	
Apr	
May	
Jun	
Jul	
Aug	
Sep	
Oct	
Nov	
Dec	

Solids Monitoring				
	Waste Type	Quantity	Disposal Location	Disposal Method
1st Quarter	none	0	na	na
2nd Quarter				
3rd Quarter				
4th Quarter				